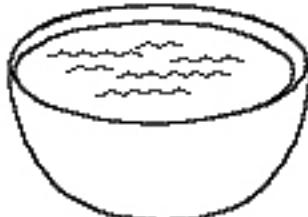
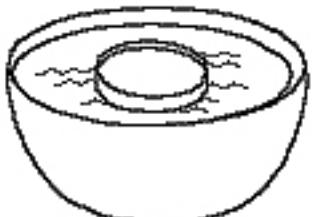


ITEMS NEEDED: large plastic bowl, jelly jar lid, 12-15 pennies

1 Fill the bowl with water to represent a lake or ocean.



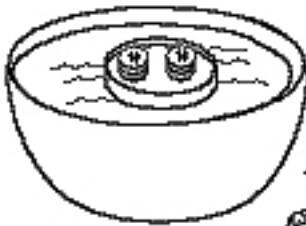
2 Float the jelly jar lid upside-down on the water to represent a boat.



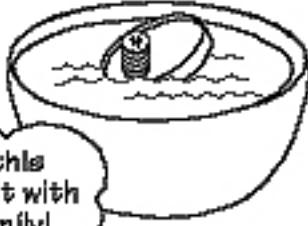
3 Place coins in the boat to represent people.



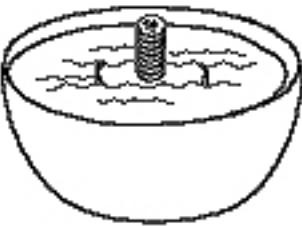
4 Balanced boat: the boat will remain stable if it has the same amount of pennies on each side. Add pennies one at a time on each side of the lid (3 to 4 on each side).



5 Unbalanced boat: place pennies one at a time on one side of the lid. The boat will eventually capsize.



6 Overloaded boat: stack pennies in the middle of the lid and eventually the boat will capsize.



Share this experiment with your family!

In a small boat balance must be maintained. If you move around, the boat will become unbalanced and turn over or capsize. If you must move, make sure someone else moves the opposite way to counterbalance the boat.